

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	255	348/297.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:54
S2	2441	voltage adj1 current near3 compar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:17
S3	801507	(exposure or (integrat\$3 or accumulat\$3) near2 time or electronic adj2 shutter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 17:00
S8	111309	current near3 compar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:15
S10	8926	voltage near2 current near3 compar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:36
S13	176820	current near2 signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:17
S15	1408	348/294-299.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:55
S16	7	S10 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:43
S17	2	("6606121").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/06 16:43

## EAST Search History

S18	8	("5565915"   "5619262"   "5872596"   "5982318"   "6075564"   "6130713"   "6271880"   "6330030").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/06 16:47
S19	51596	current near3 mode	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/06 16:48
S20	566	S3 same S19	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/06 16:48
S21	12	S15 and S20	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/06 16:48
S22	6	("6606121").URPN.	USPAT	OR	ON	2006/10/06 16:51
S23	928	S3 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 17:00
S24	639	S23 and compar\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 17:01
S25	131080	imag\$3 near2 sens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:56
S26	246768	output\$3 near3 current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:56
S27	677	S25 same S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:56
S28	669199	(exposure or integrat\$3 or accumul\$3 or electronic adj1 shutter\$3) same time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:57
S29	69	S27 same S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:57

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S30	47621	current near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:54
S31	49475	(exposure near3 control\$3 or auto\$5 adj1 exposure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:55
S32	662	S30 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:55
S33	17	S32 and 348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:55
S34	192422	current near2 (measur\$6 or compar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:14
S35	421725	(exposure or integrat\$3 or accumulat\$3 or shutter) with time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:15
S36	2948	S34 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:15
S37	0	S35 and "348229".S34.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:16
S38	231	S35 and 348/229.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:20
S39	4	S36 and 348/229.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:25

## EAST Search History

S40	17	S36 and 348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 16:53
S41	2	("7038820").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 16:53
S42	5	("20010028392"   "5541645"   "5781233"   "6784939"   "6859230").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 17:18
S43	2	("5619262").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 17:18
S44	4	("4890164"   "4974093"   "5012344"   "5479208").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 17:21
S45	236	voltage adj1 current near2 comparator	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 17:22
S46	324	voltage adj1 current near2 comparator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 17:26
S47	6	S46 same (exposure or integrat\$3 or accumulat\$3 or electronic adj1 shutter\$3) same time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 17:23
S48	0	S46 and 348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 17:26
S49	0	S46 and 348/229.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 17:26
S50	0	S46 and 348/362.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 17:26

## EAST Search History

S51	3	S46 and "257"/\$.ccds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 17:27
S52	13	("5619262").URPN.	USPAT	OR	ON	2006/10/10 17:30
S53	0	("7038820").URPN.	USPAT	OR	ON	2006/10/10 17:37
S54	2	("6882367").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 09:50
S55	82	("3866067"   "3934161"   "3971065"   "3988619"   "4011016"   "4236760"   "4238760"   "4309604"   "4363963"   "4473836"   "4499529"   "4499590"   "4573077"   "4613895"   "4626915"   "4651001"   "4654714"   "4677289"   "4704633"   "4734776"   "4742238"   "4786818"   "4809075"   "4839735"   "4845553"   "4875091"   "4901129"   "4942473"   "5014107"   "5021853"   "5038214"   "5055418"   "5117292"   "5161024"   "5227887"   "5241575"   "5276521"   "5289023"   "5317174"   "5335015"   "5341008"   "5355165"   "5396289"   "5397734"   "5414464"   "5414465"   "5414683"   "5424223"   "5428390"   "5434620"   "5461425"   "5471245"   "5502299"   "5541402"   "5541654"   "5547881"   "5572074"   "5576763"   "5589423"   "5619262"   "5625210"   "5631704"   "5668596"   "5705441"   "5712682"   "5739562"   "5742047"   "5742058"   "5801657"   "5841126"   "5883421"   "5952686"   "5962844"   "6046444"   "6078037"   "6111245"   "6115066"   "6157016"   "6211510"   "6243134"   "6246436"   "6317154").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 09:50
S56	1	("6882367").URPN.	USPAT	OR	ON	2006/10/12 10:07
S57	13	("5619262").URPN.	USPAT	OR	ON	2006/10/12 15:19
S58	16	("4589024").URPN.	USPAT	OR	ON	2006/10/12 15:40

## EAST Search History

S59	1258	348/229.1,296,297,362.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 15:46
S61	435714	(measur\$5 or compar\$5) with current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 15:47
S62	138	S59 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 08:28
S63	2	("5619262").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/13 08:28
S64	13	("5619262").URPN.	USPAT	OR	ON	2006/10/13 08:29
S65	86874	differential adj1 amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 10:08
S66	1458	S65 with comparator with current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 10:08
S67	28	S66 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 10:08
S68	18	("4189749"   "4233632"   "4242700"   "4380755"   "4413283").PN. OR ("4496980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 11:21
S69	10730	(current adj1 voltage) near3 conver\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 11:21
S70	111030	measur\$6 near3 current	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 11:22
S71	670	S69 same S70	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 11:22

## EAST Search History

S72	486	S69 with S70	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 11:22
S73	110	(Yu near2 Lu or Yang near2 Ni).in.	US-PGPUB; USPAT	OR	ON	2006/10/13 15:35
S74	12	S73 and exposure	US-PGPUB; USPAT	OR	ON	2006/10/13 15:36